SHORING	LOCATI	[ON #1	I (Q	UANTI	[TY =	216 8	<u>SF)</u>		
	IPORARY							ION FO	R T
	NRY SHOF -L-, O'								ONS
GROUND	BEGINNI ELEVATI HEIGHT	IONS]							
±-L-, (ELEVAT UN FR CO	TEMPORA O'LT, F ON: IT WEIG ICTION HESION OUNDWAT	OR TH HT (<i>Y</i> ANGLE (c) =	E FOL) = 1 (Ø) O LE	_LOWI 20 L = 30 8/SF	NG AS B/CF DEGR	SUMED EES			-
STATIO	PILING 16+20 CTIONS,	±-L-,	, O'L	_Т. М	AY NC	T PEN	ETRAT	E BELO	OW
	USE A T TO STAT						RARY	SHORIN	IG F
SHORING	CONTRAC FROM S D DETAI	STATIC	DN 15	+93 =	±-L-,	0' LT	, то	STATI	ON
FROM S	BE PREF ATION 1 AL WALL	15+93	±-L-	, 0′	LT, T	O STA	TION	16+20	±-
<u>SHORIN</u>	G LOCAT	ION #2	<u>2 (QL</u>	JANTI	TY =	176 S	F)		
	MPORARY AND TEMI							ION FO)r ⁻
	ARY SHO ±-L-, O'								[NS ⁻
ROUND	BEGINN ELEVAT G HEIGH	IONS							
	TEMPOR/ D'LT, F ION:								-
	UNIT FRIC ⁻ COHES	SION	ANGLE (c) =	(¢) 0 Ll	= 30 B/SF	B/CF DEGRI 1184	EES		
STATIO	PILING N 17+30 CTIONS,	±-L-	, 0′	LT MA	Y NOT	PENE	TRATI	E BELO	W E
	USE A ⁻ TO STAT						RARY	SHORIN	۱G
SHORIN	CONTRAG G FROM S RD DETA:	STATI	ON 17	7+08	±-L-,	0' LT	, то	STATI	ON
FROM S	BE PREI TATION AIL WALI	17+08	±-L-	, 0′	LT, T	O STA	TION	17+30	±-
								т	ΑΤΟ
								HT NU	HE HRO NIT ND

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TES

OR TEMPORARY SHORING, SEE

CONSTRUCTION FROM STATION

ISTRUCTION, SURVEY EXISTING CATIONS TO DETERMINE ACTUAL

, O' LT, TO STATION 16+20 METERS AND GROUNDWATER

I 15+93 ±-L-, O' LT, TO OW ELEVATION 1172 FT DUE TO OR WEATHERED OR HARD ROCK.

IG FROM STATION 15+93 ±-L-,

RY SHORING FOR TEMPORARY ON 16+20 ±-L-, O' LT. SEE RY SHORING.

WALL FOR TEMPORARY SHORING ±-L-, 0' LT. FOR TEMPORARY ROVISION.

DR TEMPORARY SHORING, SEE

INSTALLATION FROM STATION

NSTRUCTION, SURVEY EXISTING CATIONS TO DETERMINE ACTUAL

-, 0' LT, TO STATION 17+30 METERS AND GROUNDWATER

N 17+08 ±-L-, O' LT, TO W ELEVATION 1168 FT DUE TO OR WEATHERED OR HARD ROCK.

NG FROM STATION 17+08 ±-L-,

RY SHORING FOR TEMPORARY ON 17+30 ±-L-, 0' LT. SEE ARY SHORING.

- WALL FOR TEMPORARY SHORING ±-L-, O'LT. FOR TEMPORARY PROVISION. SHORING LOCATION #3 (QUANTITY = 60 SF)

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE END BENT CONS $16+05 \pm -L-$, 2' LT.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTIONITY OF SHORING LOCATIONS TO DETERMINE ACTUAL

DESIGN TEMPORARY SHORING FROM STATION 15+93 ±-L-, FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER UNIT WEIGHT (γ) = 120 LB/CF FRICTION ANGLE (ϕ) = 30 DEGREES COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 1184 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 1 NOT PENETRATE BELOW ELEVATION 1172 FT DUE TO OBSTR WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY ±-L-, 2' LT, TO STATION 16+05 ±-L-, 2' LT. SEE STAN SHORING.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORAR ±-L-, 2' LT, TO STATION 16+05 ±-L-, 2' LT. SEE GEOTI TEMPORARY WALLS.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR REINFORCED ZONE OF TEMPORARY WALLS.

SHORING LOCATION #4 (QUANTITY = 60 SF)

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE END BENT INS $17+30 \pm -L-$, 2' LT.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONST VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL

DESIGN TEMPORARY SHORING FROM STATION 17+18 ±-L-, 2FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER I UNIT WEIGHT (γ) = 120 LB/CF FRICTION ANGLE (ϕ) = 30 DEGREES COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 1184

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 1 NOT PENETRATE BELOW ELEVATION 1168 FT DUE TO OBSTRU WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY ±-L-, 2' LT, TO STATION 17+30 ±-L-, 2' LT. SEE STAND SHORING.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORAR \pm -L-, 2' LT, TO STATION 17+30 \pm -L-, 2' LT. SEE GEOTE TEMPORARY WALLS.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR REINFORCED ZONE OF TEMPORARY WALLS.

	APPROVED:
	DATE:
OTAL SHORING QUANTITY = 512 SF	SEAL
HE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED HROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEERING	
NIT. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION ON MAY 7, 2020, ND SEALED BY A PROFESSIONAL ENGINEER, SHIPING YANG, LICENSE #031361.	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	PROJ. REFERENCE NO.	SHEET NO.					
	BR-0126	TMP-2					
TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING							
NSTRUCTION FROM STATION 15+93 ±-L-, 2' LT, TO STATION							
FRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE							
SHORING HEIGHTS.							
2' LT, TO STATION 16+05 ±-L-, 2' LT, FOR THE							
ELEVATION:							
$15+93 \pm -L-$, 2' LT, TO STATION 16+05 $\pm -L-$,							
RUCTIONS, VERY DENSE OR HARD SOIL, BOULDE	KS UK						
SHORING FOR TEMPORARY SHORING FROM STATI	ON 15+93						
NDARD DETAIL NO. 1801.01 FOR STANDARD TEM							
RV WALL FOR TEMPORARY SUCRTAR STATTS	N 15+02						
RY WALL FOR TEMPORARY SHORING FROM STATIC FECHNICAL STANDARD DETAIL NO. 1801.02 FOR							
VITH THE REINFORCED ZONE OF TEMPORARY WAL	•						
R BRIDGE APPROACH FILLS, WHICHEVER IS BET	IER, IN IHE						
TEMPORARY SHORING, SEE PLANS AND TEMPORA	RY SHORING						
STALLATION FROM STATION 17+18 ±-L-, 2' LT,	TO STATION						
$\frac{1}{2} = \frac{1}{2} = \frac{1}$	TO STATION						
RUCTION, SURVEY EXISTING GROUND ELEVATION	NS IN THE						
SHORING HEIGHTS.							
2' LT, TO STATION 17+30 ±-L-, 2' LT, FOR	THF						
ELEVATION:							
7+18 ±-L-, 2' LT, TO STATION 17+30 ± -L-,	2' LT MAY						
RUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR							
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CHARTNE EAD TEMPADADA CUADTNA CDAM OTATT	ON 17⊥10						
SHORING FOR TEMPORARY SHORING FROM STATI							
USING DETRIE NOT TOUTOT FOR OTANDAND TEM							
RY WALL FOR TEMPORARY SHORING FROM STATIC							
TECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD							
WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE							
R BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE							
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JISON NORTH CANAL JISOF NORTH CANAL OLT GOVE NORTH CANAL OLT GOVE NORTH CANAL TISOF SOF SOF							
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	ARY SHORING	NOTES					
PRIME OF TRANSPOR							
VE TRAFFIC							